

PROYECTO ESPECIAL CHIRA-PIURA
DESCARGAS MEDIAS DIARIAS EN M³/S Y VOLUMENES DIARIOS
DEL RESERVOIRIO DE POECHOS.

MES: DICIEMBRE 2022

DIA	CANAL EJIDOS [M3/S]	CANAL CHECA [M3/S]	TUNEL [M3/S]	ALIVIA- DERO [M3/S]	TUNEL+ ALVIAD. [M3/S]	CANAL DERIV. [M3/S]	CANAL HUAYPIRA [M3/S]	EVAPO- RACION [M3/S]	SALIDA TOTAL [M3/S]	INGRESO [M3/S]	BALANCE		VOL [MMC]	COTA [MSNM]
											(+) Q	(-) Q		
01	5.43	8.9	13.93	0.0	13.9	29.5	0.28	2.86	46.6	3.2		-43.4	121.1	95.09
02	5.33	8.9	13.92	0.0	13.9	29.7	0.28	2.82	46.8	3.0		-43.8	116.6	94.83
03	5.33	8.9	13.93	0.0	13.9	29.4	0.28	2.78	46.3	3.0		-43.3	112.6	94.59
04	4.90	10.2	15.19	0.0	15.2	29.9	0.31	2.74	48.2	3.0		-45.2	108.7	94.35
05	3.64	14.0	19.00	0.0	19.0	31.3	0.42	2.68	53.4	3.0		-50.4	104.2	94.06
06	3.65	14.0	19.00	0.0	19.0	31.0	0.42	2.62	53.0	3.0		-50.0	99.0	93.71
07	3.64	14.0	19.00	0.0	19.0	30.1	0.42	2.59	52.1	3.0		-49.1	94.4	93.39
08	2.11	14.0	19.00	0.0	19.0	8.9	0.42	2.56	30.9	3.0		-27.9	88.3	92.94
09	0.00	14.0	19.00	0.0	19.0	0.0	0.42	2.53	21.9	10.2		-11.7	85.6	92.73
10	0.00	9.9	14.90	0.0	14.9	1.6	0.42	2.50	19.4	7.6		-11.8	85.1	92.69
11	0.00	0.0	5.00	0.0	5.0	4.0	0.05	2.50	11.6	7.9		-3.7	84.6	92.65
12	0.00	0.2	5.21	0.0	5.2	1.6	0.05	2.48	9.4	9.1		-0.3	84.8	92.67
13	0.00	0.0	5.00	0.0	5.0	1.5	0.05	2.50	9.1	19.7			85.2	92.70
14	0.00	0.0	5.00	0.0	5.0	3.1	0.05	2.51	10.6	11.3			86.9	92.83
15	0.00	0.2	5.21	0.0	5.2	6.3	0.05	2.51	14.1	15.7			87.3	92.86
16	0.00	0.2	5.21	0.0	5.2	3.4	0.05	2.51	11.2	12.6			87.7	92.89
17	0.00	0.2	5.21	0.0	5.2	0.0	0.05	2.52	7.8	16.7			87.8	92.90
18	0.00	0.0	5.00	0.0	5.0	2.2	0.05	2.53	9.8	12.5			89.0	92.99
19	0.00	0.2	5.21	0.0	5.2	3.0	0.05	2.55	10.8	30.4			89.5	93.03
20	0.00	0.0	5.21	0.0	5.2	14.8	0.05	2.58	22.6	42.9			91.8	93.20
21	2.71	0.2	5.21	0.0	5.2	29.0	0.05	2.59	36.9	36.9			93.9	93.35
22	1.90	2.9	7.86	0.0	7.9	29.0	0.12	2.59	39.6	28.0		-11.6	93.9	93.35
23	1.50	9.8	14.81	0.0	14.8	29.0	0.39	2.54	46.7	10.9		-35.9	92.9	93.28
24	1.50	9.8	14.81	0.0	14.8	29.0	0.39	2.52	46.7	9.7		-37.0	89.8	93.05
25	2.11	9.8	14.81	0.0	14.8	29.3	0.39	2.47	47.0	8.8		-38.2	86.6	92.81
26	3.95	9.8	14.81	0.0	14.8	30.0	0.39	2.44	47.6	15.2		-32.4	83.3	92.55
27	3.96	9.8	14.81	0.0	14.8	28.6	0.39	2.43	46.2	27.7		-18.5	80.5	92.32
28	4.00	9.8	14.81	0.0	14.8	25.0	0.39	2.41	42.6	46.0	3.5		78.9	92.18
29	4.00	7.0	11.95	0.0	12.0	22.9	0.29	2.41	37.5	38.7	1.2		79.2	92.21
30	3.29	10.1	15.08	0.0	15.1	24.9	0.05	2.39	42.4	26.2		-16.2	79.3	92.22
31	2.36	8.1	13.11	0.0	13.1	18.3	0.05	2.38	33.9	21.1		-12.7	77.9	92.10
01/01													76.8	92.00
SUMA	65.30	205.04	360.23	0.00	360.23	556.25	7.00	79.04	1002.5	490.0	4.6	-570.4		
PROM	2.11	6.61	11.62	0.00	11.62	17.94	0.23	2.55	32.3	15.8	2.3	-29.2	90.7	93.08
MAX	5.43	14.00	19.00	0.00	19.00	31.29	0.42	2.86	53.4	46.0	3.5	-0.3	121.1	95.09
MIN	0.00	0.00	5.00	0.00	5.00	0.00	0.05	2.38	7.8	3.0	1.2	-50.4	76.8	92.00
VOLUMEN	5.64	17.72	31.12	0.00	31.12	48.06	0.61	6.83	86.6	42.3	0.4	-49.3		
Proyectado al 31 de Diciembre (MMC)									86.6	42.3		-44.3	76.8	MMC
Volumen Programado									109.2 MMC Q=		40.8	m3/s.		

12.40

38.77 %

PROYECTO ESPECIAL CHIRA PIURA
RIO CHIRA: MASAS MENSUALES EN MMC.

	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	Annual
OFERTA RIO CHIRA	166.45	217.64	400.83	310.00	238.90	179.67	107.24	75.80	57.80	58.50	65.40	109.20	1,987.4
Q Promedio Mes	62.1	90.0	149.7	119.6	89.2	69.3	40.0	28.3	22.3	21.8	25.2	40.8	
Aporte Real / Oferta (%)	71.7	106.0	281.0	270.1	135.2	107.5	247.5	159.6	107.0	114.6	37.2	38.8	
Aporte Real (MMC)	119.3	230.6	1126.4	837.5	323.0	193.2	265.4	121.0	61.8	67.0	24.3	42.3	3,411.8
Aporte Acum. (MMC)	119.3	349.9	1,476.3	2,313.8	2,636.8	2,830.0	3,095.3	3,216.3	3,278.1	3,345.2	3,369.5	3,411.8	
SALIDA PADH (MMC)	148.4	248.5	283.9	272.5	255.8	183.8	124.0	149.6	143.7	146.7	140.9	112.0	2,209.7
Q Promedio Salida Mes	55.4	102.7	106.0	105.1	95.5	70.9	46.3	55.9	55.4	54.8	54.4	43.2	
SALIDA TOTAL. (MMC)	161.2	205.1	978.3	800.3	278.8	192.6	265.4	160.4	145.5	153.0	139.6	86.6	3,566.8

PROYECTO ESPECIAL CHIRA-PIURA

DESCARGAS MEDIAS DIARIAS
DE LOS RIOS CHIRA Y PIURA (M3/S)

MES: DICIEMBRE 2022

DIA	PUENTE INTERN. [M3/S]	EL CIRUELO [M3/S]	PARAJE GRANDE [M3/S]	ESA SULLANA		TOTAL [M3/S]	PUENTE R. PIURA (1) [M3/S]	PRESA EJIDOS		
				R.Chira [M3/S]	C. Norte [M3/S]			CURUMUY [M3/S]	C. EJIDOS [M3/S]	R. PIURA (2) [M3/S]
01	3.7	4.0	0.5	5.0	20.3	25.3	0.5	9.7	5.4	-3.8
02	3.5	4.0	0.5	5.0	20.3	25.3	0.5	9.1	5.3	-3.3
03	3.8	3.0	0.5	5.0	19.9	24.9	0.5	8.6	5.3	-2.8
04	4.2	3.0	0.5	5.0	19.9	24.9	0.5	8.4	4.9	-3.0
05	3.9	3.0	0.5	5.0	19.9	24.9	0.5	7.0	3.6	-2.9
06	3.6	3.0	0.5	5.0	20.1	25.1	0.5	6.6	3.6	-2.5
07	3.5	3.0	0.5	5.0	20.2	25.2	0.5	6.4	3.6	-2.3
08	3.2	3.0	0.5	5.0	20.2	25.2	0.3	4.1	2.1	-1.7
09	3.3	10.0	0.5	5.0	20.2	25.2	0.0	0.0	0.0	0.0
10	4.4	8.0	0.5	5.0	20.2	25.2	0.0	0.0	0.0	0.0
11	3.6	8.0	0.5	5.0	20.1	25.1	0.0	0.0	0.0	0.0
12	3.1	10.0	0.5	5.0	17.0	22.0	0.0	0.0	0.0	0.0
13	3.1	10.0	0.5	5.0	15.6	20.6	0.0	0.0	0.0	0.0
14	3.1	10.0	0.5	5.0	15.4	20.4	0.0	0.0	0.0	0.0
15	3.1	10.0	0.5	5.0	15.4	20.4	0.0	0.0	0.0	0.0
16	3.1	10.0	0.5	5.0	15.4	20.4	0.0	0.0	0.0	0.0
17	3.1	16.0	0.5	5.0	14.6	19.6	0.0	0.7	0.0	-5.8
18	3.1	14.0	0.5	5.0	14.6	19.6	0.0	0.0	0.0	-4.9
19	3.1	28.0	0.5	5.0	14.0	19.0	0.0	0.0	0.0	-5.1
20	3.1	35.0	0.5	5.0	13.9	18.9	0.0	0.3	0.0	-4.4
21	3.1	36.0	0.5	5.0	12.6	17.6	0.0	6.1	2.7	-3.4
22	3.1	24.0	0.5	5.0	12.3	17.3	0.0	6.6	1.9	-4.7
23	3.1	10.0	0.5	5.0	12.3	17.3	0.0	5.3	1.5	-3.8
24	3.1	10.0	0.5	5.0	12.3	17.3	0.0	5.1	1.5	-3.6
25	3.1	10.0	0.5	5.0	12.3	17.3	0.0	6.5	2.1	-4.3
26	3.1	16.0	0.5	5.0	12.3	17.3	0.0	8.4	3.9	-4.5
27	3.1	25.0	0.5	5.0	12.3	17.3	0.0	8.2	4.0	-4.2
28	3.1	35.0	0.5	5.0	13.6	18.6	0.0	9.5	4.0	-5.5
29	3.1	40.0	0.5	5.0	13.8	18.8	0.0	7.1	4.0	-3.1
30	3.1	20.0	0.5	5.0	13.8	18.8	0.0	7.1	3.3	-3.8
31	3.1	21.0	0.5	5.0	13.8	18.8	0.0	7.5	2.4	-5.1
SUMA	102.7	442.0	15.5	155.0	498.60	653.60	3.79	138.46	65.3	-88.51
PROM	3.3	14.3	0.5	5.0	16.08	21.08	0.12	4.47	2.1	-2.86
MAX	4.4	40.0	0.5	5.0	20.30	25.30	0.50	9.51	5.3	0.00
MIN	3.1	3.0	0.5	5.0	12.30	17.30	0.00	0.00	0.0	-5.79
MASA	8.9	38.2	1.3	13.4	43.08	56.47	0.33	11.96	5.6	-7.65
NORMAL	16.8	48.1	4.8	13.4		56.5				
ANOMALIA	-13.5	-33.8	-4.3	Poechos		Sullana				

(2) ESTACION EL PAPAYO

Proyecto Chira-Piura

Precipitación (mm.)

MES: DICIEMBRE 2022

DIA	PTE	EL	PJE	Ardi-	Alivia	Su	Check	Cpto	PRESA	Chulu	Tbo
	INT.	CIR.	GDE	dilla	dero	lla	Km 29+90	PIURA	EJIDOS	canas	Gde
	mm	mm	mm	mm	mm	na	mm	mm	mm	mm	mm
01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	2.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.5	1.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	1.0	0.0	1.5	0.0	1.2	0.0	0.0	0.0	0.5	0.0	0.0
27	1.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Mensual	4.5	6.4	6.2	0.0	1.2	0.0	0.0	0.0		0.0	0.0
PROM	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0		0.0	0.0
MAX	2.0	2.2	2.5	0.0	1.2	0.0	0.0	0.0		0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
NORMAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
ANOMALIA	4.5	6.4	6.2	0.0	1.2	0.0	0.0	0.0		0.0	0.0